

# Abstracts

## New compensation functions for efficient excitation of open planar circuits in SDM

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*H.H. Balik and C.J. Railton. "New compensation functions for efficient excitation of open planar circuits in SDM." 1999 Transactions on Microwave Theory and Techniques 47.1 (Jan. 1999 [T-MTT]): 106-108.*

The spectral-domain method is a very fast and powerful technique to analyze planar microwave circuits. However, available techniques for simulating the excitation of open planar microwave circuits are not very effective at relatively low frequencies. In this paper, new compensation functions are introduced, which correctly model the excitation over the whole microwave frequency region.

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